

Amendments to the claims

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A housing having a thickness, said housing have a first surface and a second surface spaced from said first surface by said housing thickness, said housing having one or more apertures formed through said housing, each of said one or more apertures defined by solid walls extending through said thickness of said housing and containing a self-retaining structure, chemically self-adhered to said solid walls, comprising a porous matrix, said structure ~~being coterminous with having a height between~~ said first surface and said second surface ~~less than or equal to said thickness~~, said structure having an aspect ratio of less than about 20.

2. (Original) The housing of claim 1, wherein said porous matrix comprises a plurality of sorptive particles entrapped therein.

3. (Original) The housing of claim 1, wherein said porous matrix is polymeric.

4. (Original) The housing of claim 1, wherein said structure is functionalized for adsorption.

5. (Original) The housing of claim 1. wherein said housing is a planar substrate.

6. (Original) The housing of claim 1, wherein said housing is a multi-well plate.

7. (Cancelled)

8. (Cancelled)

9. (Currently amended) A housing having a thickness, a length and a width, said housing having a first surface and a second surface spaced from said first surface by said thickness, the dimensions of said thickness being less than the dimensions of

said length and/or said width, said housing having one or more apertures formed through said housing and defined by solid walls extending through said thickness, each of said one or more apertures containing a self-retaining structure, chemically self-adhered to said solid walls and coterminous with said first and second surfaces, comprising a porous matrix.

10. (Original) The housing of claim 9, wherein said porous matrix comprises a plurality of sorptive particles entrapped therein.

11. (Original) The housing of claim 9, wherein said porous matrix is polymeric.

12. (Original) The housing of claim 9, wherein said structure is functionalized for adsorption.

13. (Original) The housing of claim 9, wherein said housing is a planar substrate.

14. (Original) The housing of claim 9, wherein said housing is a multi-well plate.

15. (Cancelled)

16. (Cancelled)

17. (Currently amended) A sample preparation ~~device~~ devices, comprising a sample reservoir and a collection reservoir spaced from said sample reservoir, and a substrate between said sample reservoir and said collection reservoir, said substrate have a first surface and a second surface spaced from said first surface defining a thickness, said substrate comprising one or more recesses formed therethrough, each of said one or more recesses defined by solid walls extending through said thickness and containing a self-retaining structure, chemically self-adhered to said solid walls, comprising a porous matrix, said structure being coterminous with ~~having a height between~~ said first surface and said second surface ~~less than or equal to said thickness,~~ said structure having an aspect ratio of less than about 20.

18. (Original) The sample preparation device of claim 17, wherein said porous matrix comprises a plurality of sorptive particles.

19. (Previously presented) The sample preparation device of claim 17, further comprising an underdrain having one or more spouts, each in fluid communication with a respective said one or more recesses of said substrate.

20. (Original) The sample preparation device of claim 19, wherein said one or more spouts direct fluid into said collection reservoir.

21. (Original) The sample preparation device of claim 19, wherein said sample reservoir and said underdrain are bonded to said substrate.

22. (Cancelled)

23. (Cancelled)

24. (Original) The sample preparation device of claim 17, wherein said substrate is removable from said housing.

25-30. (Cancelled)

31. (Currently amended) A sample preparation device for use with a chamber in communication with a driving force, said device comprising:

a sample reservoir; a substrate fixed to said sample reservoir, said substrate having a first surface and a second surface spaced from said first surface, said substrate comprising at least one recess formed therethrough, said at least one recess defined by solid walls extending through said substrate and containing a self-retaining structure, chemically self-adhered to said solid walls, comprising a porous matrix, said structure being coterminous with said first and second surfaces; and a spout fixed to said at least one recess for directing flow into said chamber.

32. (Original) The sample preparation device of claim 31, wherein said substrate comprises a plurality of recesses.

33. (Currently amended) A housing having a thickness, said housing have a first surface and a second surface spaced from said first surface by said housing thickness, said housing having one or more apertures formed through said housing, each of said one or more apertures defined by solid walls extending through said thickness and containing a structure, chemically self-adhered to said solid walls, comprising a porous matrix, said structure being coterminous with ~~having a height between said first surface and said second surface less than or equal to said thickness,~~ said structure being self-retaining in said housing by adhesion.

34. (Currently amended) A filtration device comprising a substrate having first and second spaced surfaces defining a housing thickness and an array of spaced, independent apertures formed through said housing thickness, each of said independent apertures defined by solid walls extending through said thickness and containing a formed porous matrix coterminous with said first and second surfaces, the porous matrix in each independent aperture being segregated from the porous matrix in each other different independent aperture, said first and second surfaces in the space between said apertures being devoid of said porous matrix, said porous matrix adapted to be self-retaining in said apertures and being chemically adhered to said solid walls.